

WHAT IS CLAIMED IS:

1. A control method of competitive buying and selling system, said control method comprising:

5 a first step in which a server opens a subject of buying and selling and a successful bid evaluation function thereof to a plurality of clients;

10 a second step in which each of said clients makes a participant determine said subject of buying and selling and a bidding price thereof by using said successful bid evaluation function, and notifies a determined result to said server; and

15 a third step in which said server select a bidding price of a participant who has indicated a highest evaluation value based on said successful bid evaluation function among all bidding prices notified from the clients and designates the participant as a successful bidder.

20 2. A control method of competitive buying and selling system according to claim 1, wherein said successful bid evaluation function is based on past bidding prices per unit volume and utilization efficiencies of resources knocked down in past.

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3. A control method of competitive buying and selling

system according to claim 2, wherein said successful bid evaluation function is based further on a resource occupation rate in bidding of this time.

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4. A control method of competitive buying and selling system according to claim 2, wherein said successful bid evaluation function is a function of multiplying said past bidding prices per unit volume by said utilization  
10 efficiencies of resources knocked down in past.

5. A control method of competitive buying and selling system according to claim 4, wherein said successful bid  
15 evaluation function is a function of dividing a product value obtained by said multiplying by said resource occupation factor in bidding of this time.

20 6. A control method of competitive buying and selling system according to claim 1, wherein said control method can be applied to a simultaneous bidding method and a competitive bidding method.

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7. A competitive buying and selling system comprising

a server and clients,

said server comprising:

first means for opening a subject of buying and selling  
and a successful bid evaluation function thereof to a  
5 plurality of clients; and

third means for selecting a bidding price of a  
participant who has indicated a highest evaluation value  
based on said successful bid evaluation function among all  
bidding prices notified from the clients and designates the  
10 participant as a successful bidder,

each of said clients comprising:

second means for making a participant determine said  
subject of buying and selling and a bidding price thereof  
by using said successful bid evaluation function, and  
15 notifies a determined result to said server.

8. Recording media of competitive buying and selling  
system having a server side program and client side programs  
20 recorded thereon,

said server side program comprising:

a first control program for opening a subject of buying  
and selling and a successful bid evaluation function thereof  
to a plurality of clients; and  
25 a third control program for selecting a bidding price  
of a participant who has indicated a highest evaluation value



wherein said second step to said fifth step are repeated.

5 10. A control method of competitive buying and selling  
system according to claim 9, wherein if said participant  
who has made a successful bid has made a successful bid for  
at least a predetermined occupation factor of the bidding  
subject, the bidding flag of said participant who has made  
10 a successful bid is reset in said fifth step.

11. A control method of competitive buying and selling  
system according to claim 9, wherein if said participant  
15 who has made a successful bid has made a successful bid for  
the bidding subject at least a predetermined number of times,  
the bidding flag of said participant who has made a successful  
bid is reset in said fifth step.

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12. A competitive buying and selling system  
comprising a server and clients,  
said server comprising:  
means for setting a bidding flag assigned to each  
25 participant, before bidding;  
means for opening a part of a subject of buying and

selling to a plurality of clients;

means for designating a person who has indicated a highest or lowest bidding price among participants each having a set bidding flag, as a successful bidder; and

5 means for resetting the bidding flag of the participant who has made a successful flag,

each of said clients comprising:

means for making a participant determine a part of said subject of buying and selling and a bidding price thereof,  
10 and notifying a determined result to said server.

13. Recording media of competitive buying and selling system having a server side program and client side programs  
15 recorded thereon,

said server side program comprising:

a control program for setting a bidding flag assigned to each participant, before bidding;

a control program for opening a subject of buying and  
20 selling to a plurality of clients; and

a control program for designating a person who has indicated a highest or lowest bidding price among participants each having a set bidding flag, as a successful bidder; and

25 a control program for resetting the bidding flag of the participant who has made a successful flag,

each of said client side programs comprising:

a control program for making a participant determine  
a part of said subject of buying and selling and a bidding  
price thereof, and notifying a determined result to said  
5 server.

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